09977054 "102660

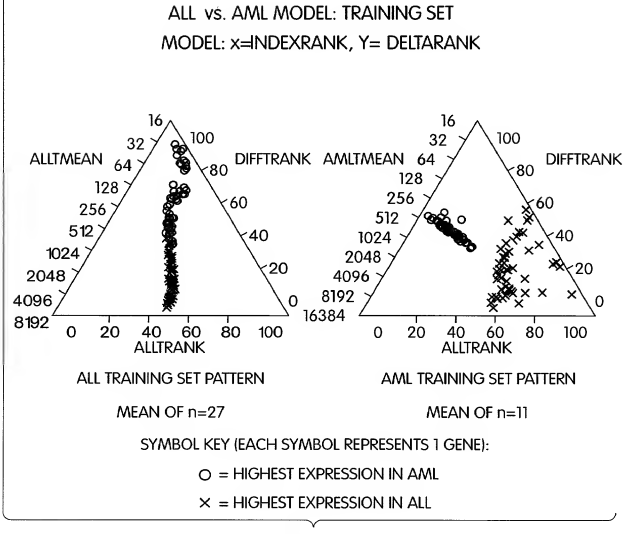


Fig. 1

20020*4507660

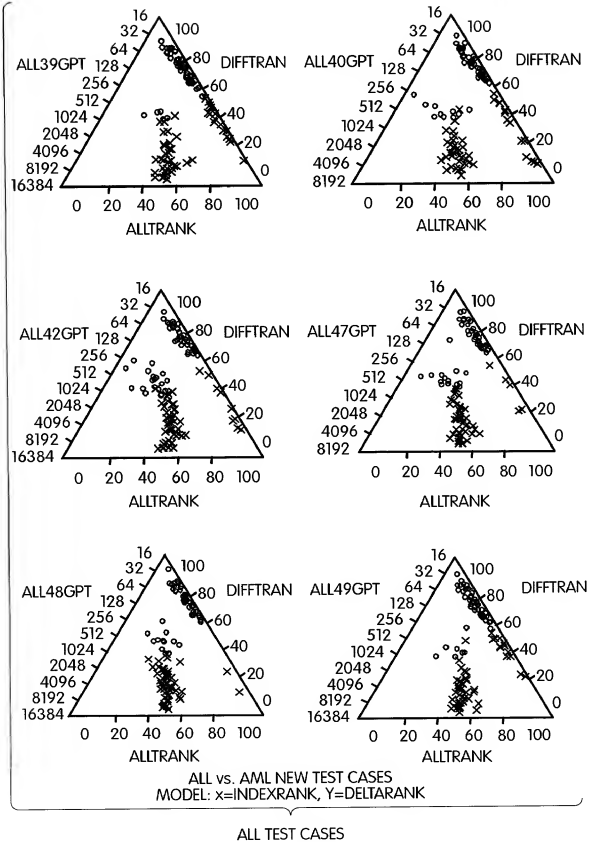
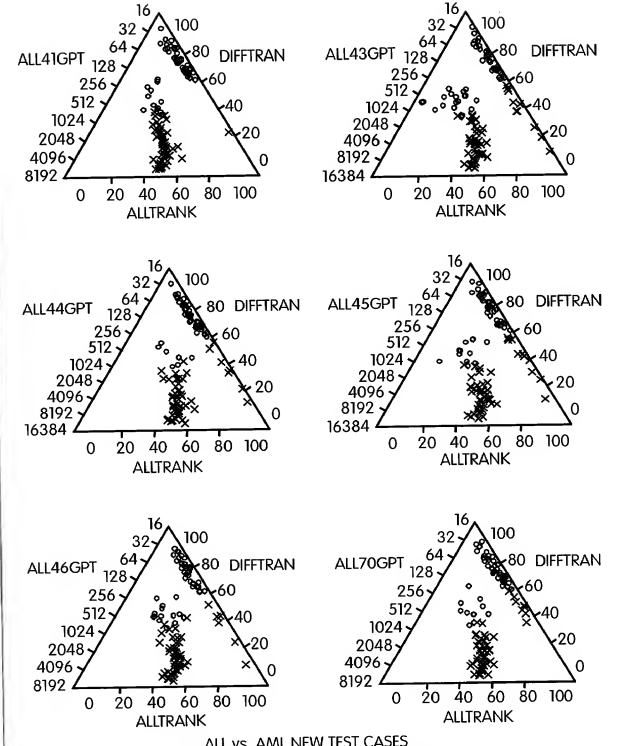


Fig. 2A-1

20020045660



ALL vs. AML NEW TEST CASES
MODEL: x=INDEXRANK, Y=DELTARANK

ALL TEST CASES

Fig. 2A-2

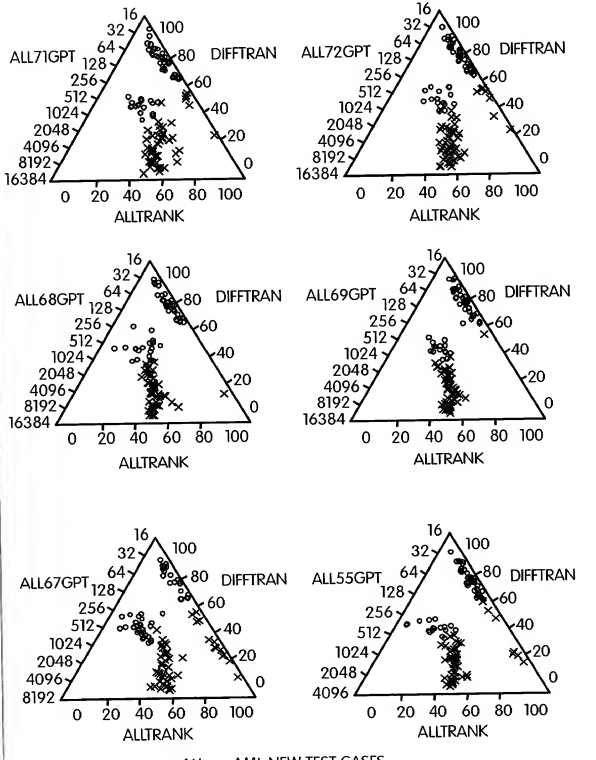

ALL71GPT
ALL72GPT
ALL68GPT
ALL69GPT
ALL67GPT
ALL55GPT
DIFFTRAN
ALLTRANK
16
32
64
128
256
512
1024
2048
4096
8192
16384
0
20
40
60
80
100
ALL vs. AML NEW TEST CASES
MODEL: x=INDEXRANK, Y=DELTARANK
ALL TEST CASES

Fig. 2A-3

20020045660

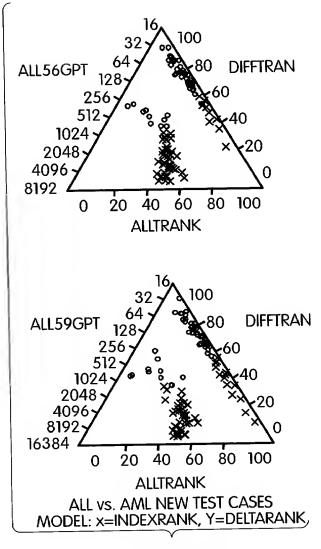


Fig. 2A-4

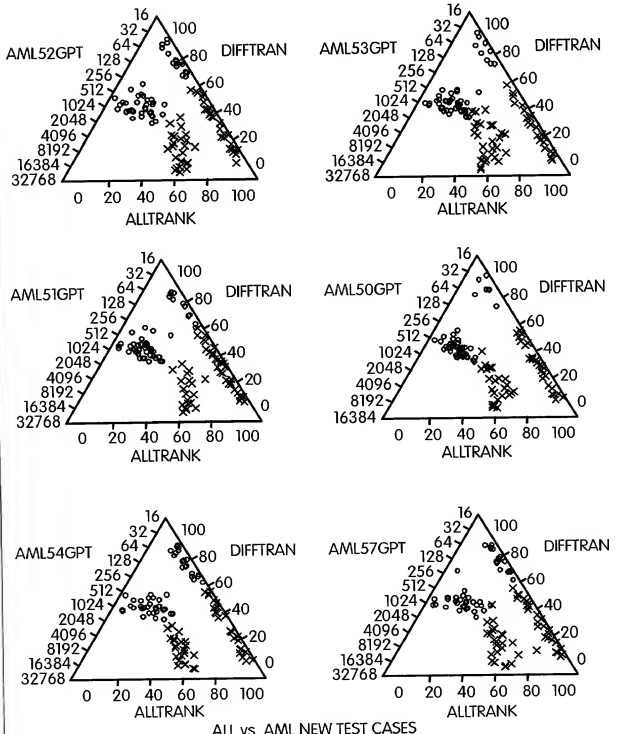
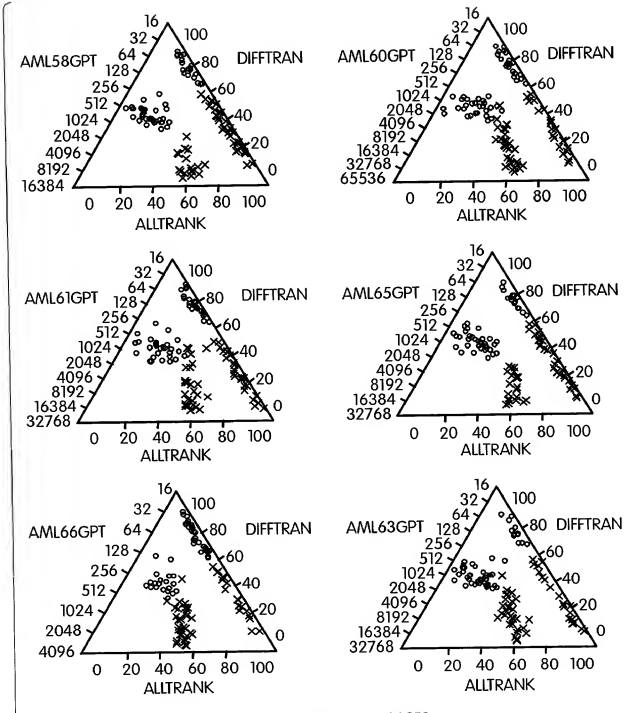


Fig. 2B-1

20020104502660

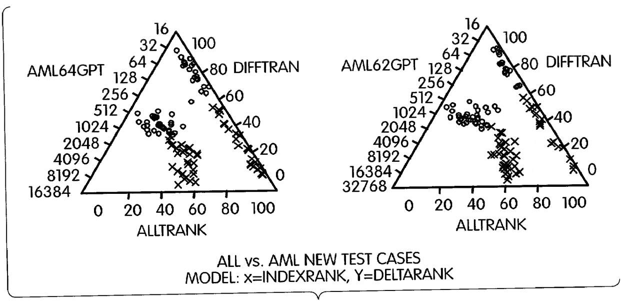


ALL vs. AML NEW TEST CASES
MODEL: x=INDEXRANK, Y=DELTARANK

AML TEST CASES

Fig. 2B-2

09977054 .102302



AML TEST CASES

Fig. 2B-3

20020042660

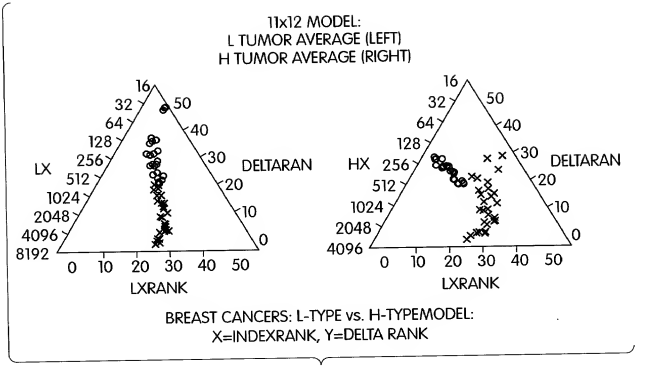
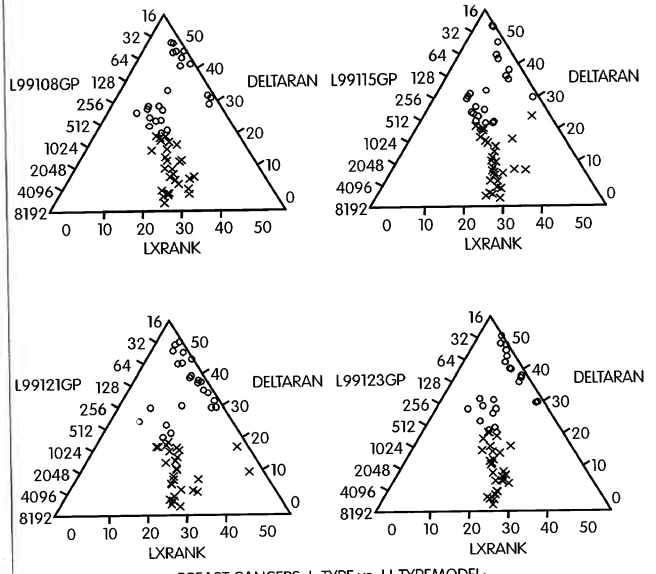


Fig. 3A

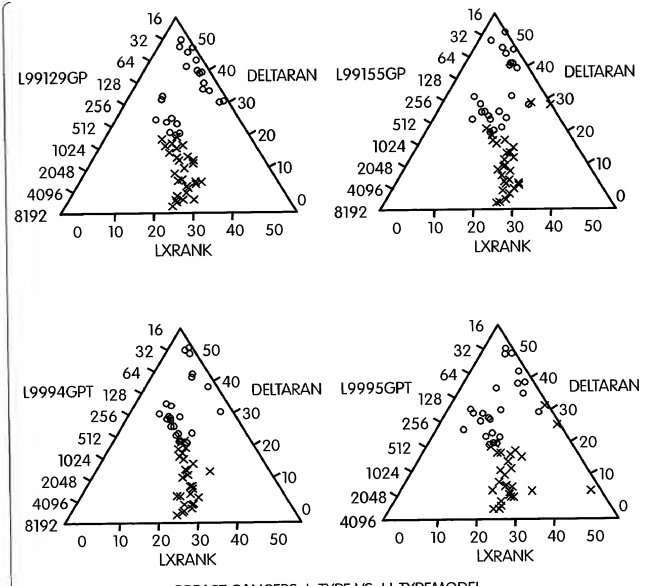
09977054 "402000



L-TYPE TRAINING EXAMPLES

Fig. 3B-1

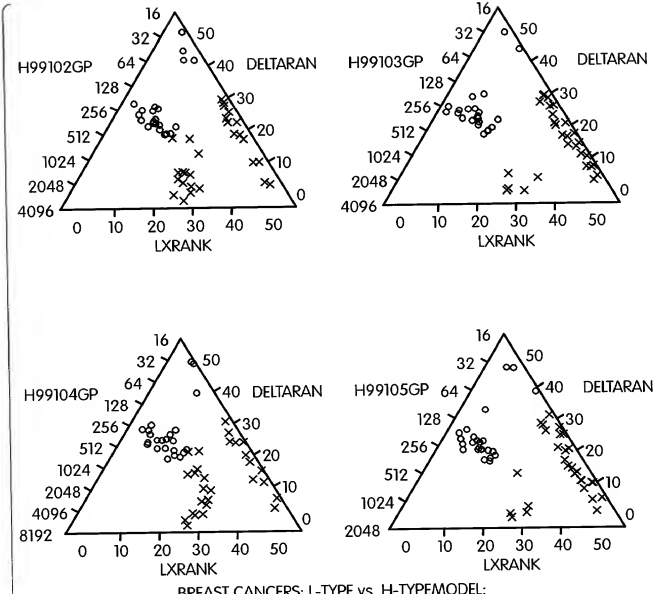
20020045669



BREAST CANCERS: L-TYPE VS. H-TYPEMODEL:
X=INDEXRANK, Y=DELTA RANK

L-TYPE TRAINING EXAMPLES

Fig. 3B-2

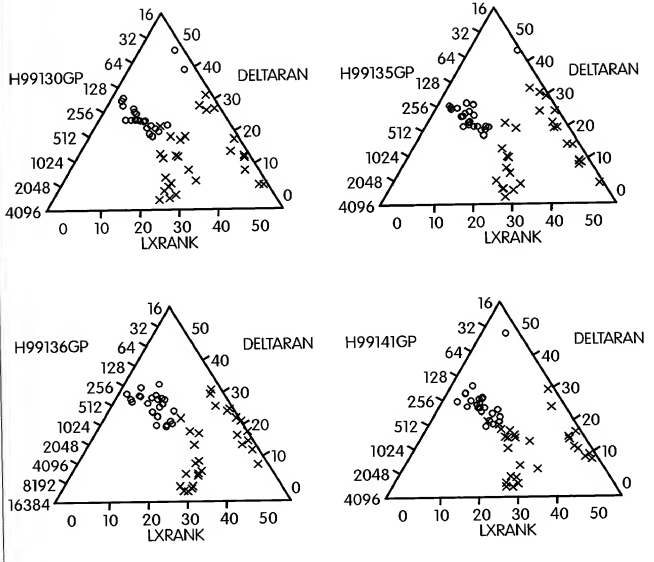


BREAST CANCERS: L-TYPE vs. H-TYPEMODEL:
X=INDEXRANK, Y=DELTA RANK

H-TYPE TRAINING EXAMPLES

Fig. 3C-1

20020140660



BREAST CANCERS: L-TYPE vs. H-TYPEMODEL:
X=INDEXRANK, Y=DELTA RANK

H-TYPE TRAINING EXAMPLES

Fig. 3C-2

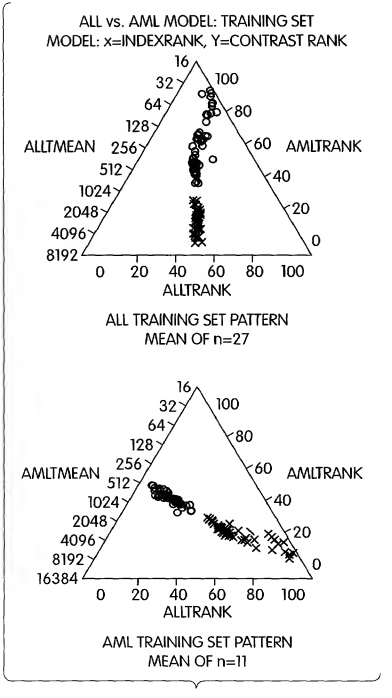

ALL vs. AML MODEL: TRAINING SET
MODEL: x=INDEXRANK, Y=CONTRAST RANK
16
32
64
128
256
512
1024
2048
4096
8192
ALLTMEAN
100
80
60
40
20
0
AMLTRANK
0 20 40 60 80 100
ALLTRANK
ALL TRAINING SET PATTERN
MEAN OF n=27
16
32
64
128
256
512
1024
2048
4096
8192
16384
AMLTMEAN
100
80
60
40
20
0
AMLTRANK
0 20 40 60 80 100
ALLTRANK
AML TRAINING SET PATTERN
MEAN OF n=11

Fig. 4

20020040977A1

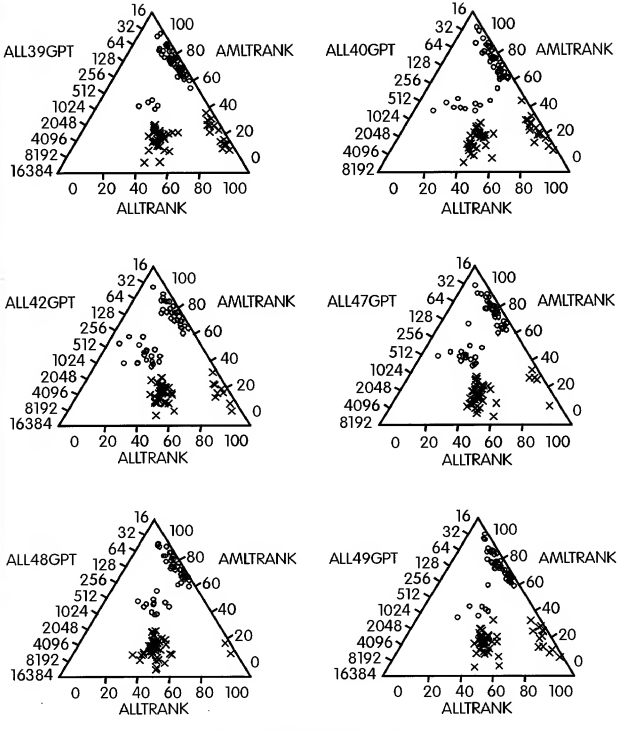
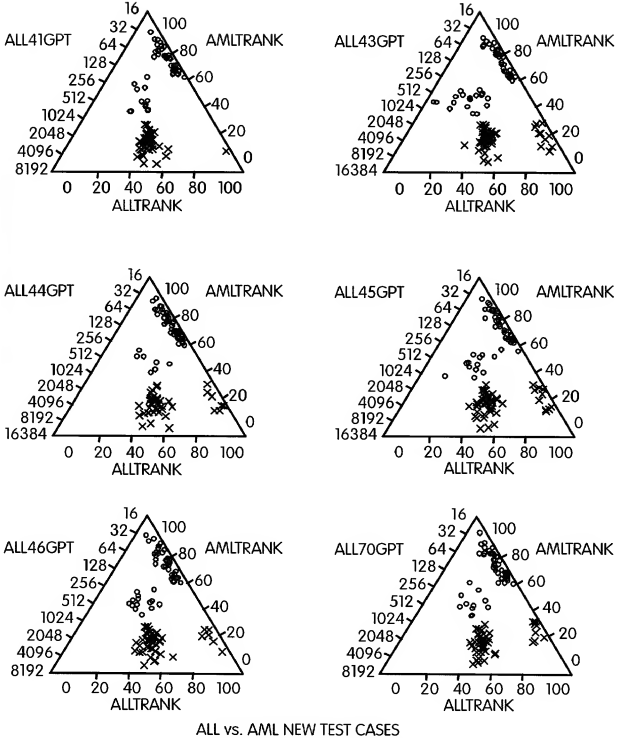


Fig. 5A-1

20020"+30Z460

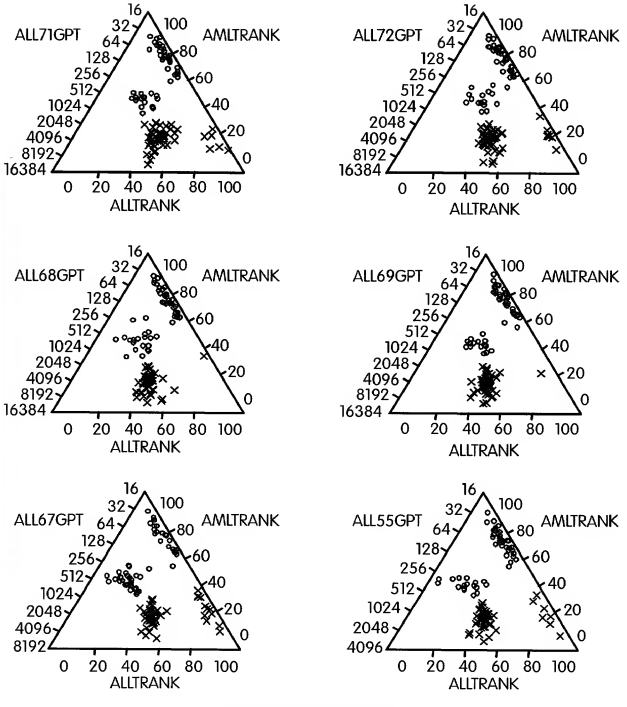


ALL vs. AML NEW TEST CASES
MODEL: x=INDEXRANK, Y=CONTRASTRANK

ALL TEST CASES

Fig. 5A-2

20020430760



ALL vs. AML NEW TEST CASES
MODEL: x=INDEXRANK, Y=CONTRASTRANK

ALL TEST CASES

Fig. 5A-3

20020049660

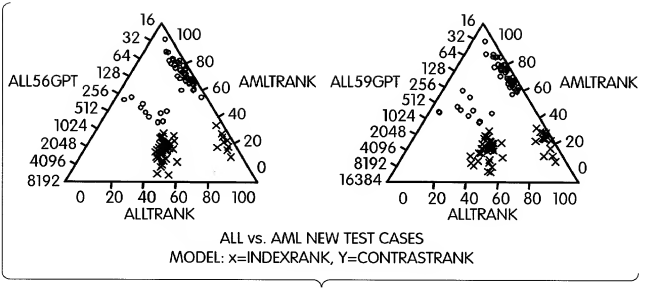


Fig. 5A-4

20020418027660

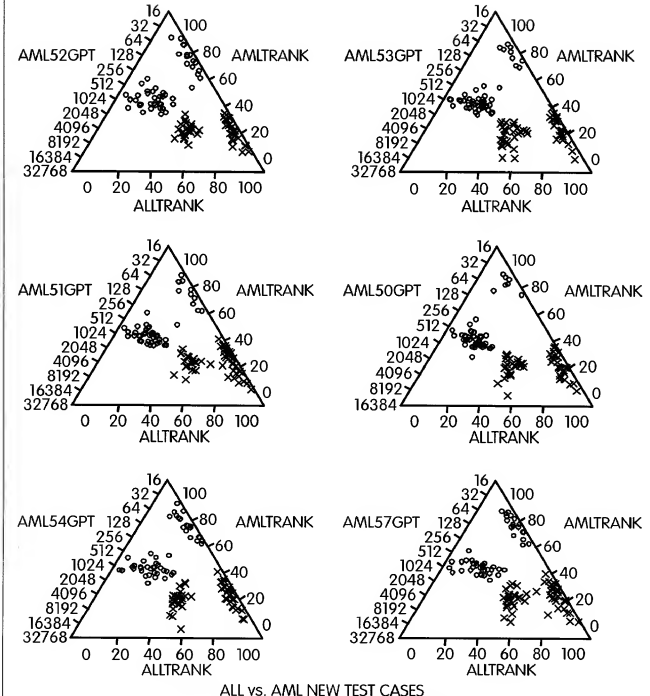
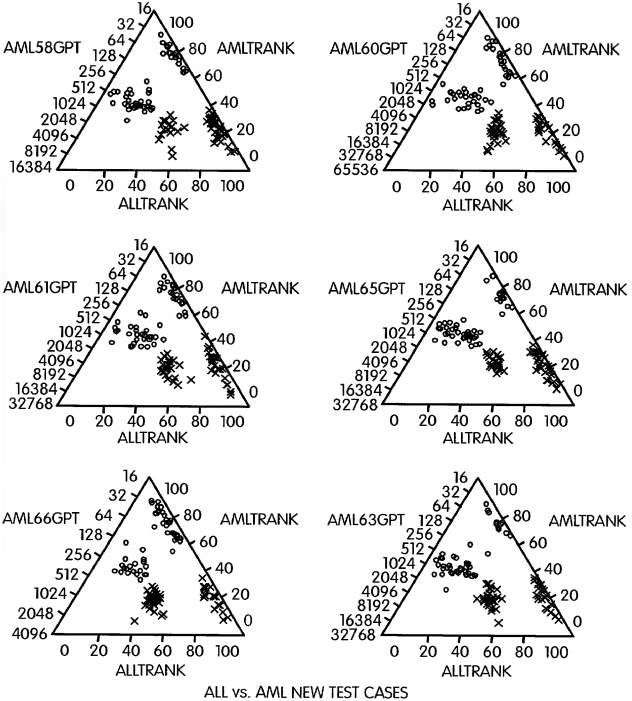


Fig. 5B-1

20020430760



ALL vs. AML NEW TEST CASES
MODEL: x=INDEXRANK, Y=CONTRASTRANK

AML TEST CASES

Fig. 5B-2

20020"4502660

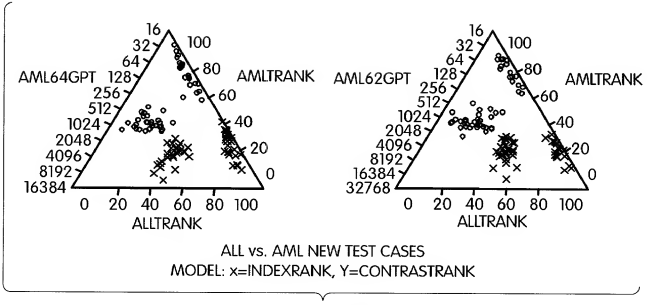


Fig. 5B-3

20020140660

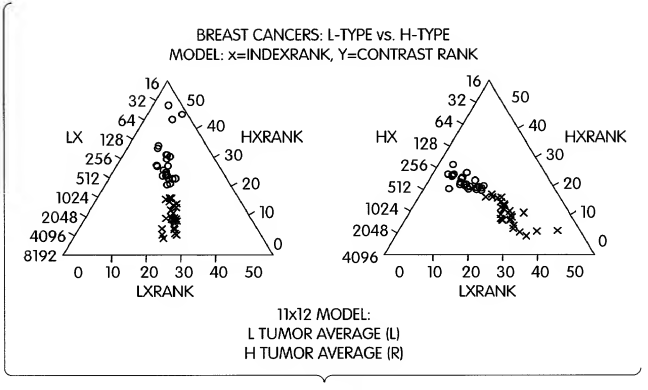
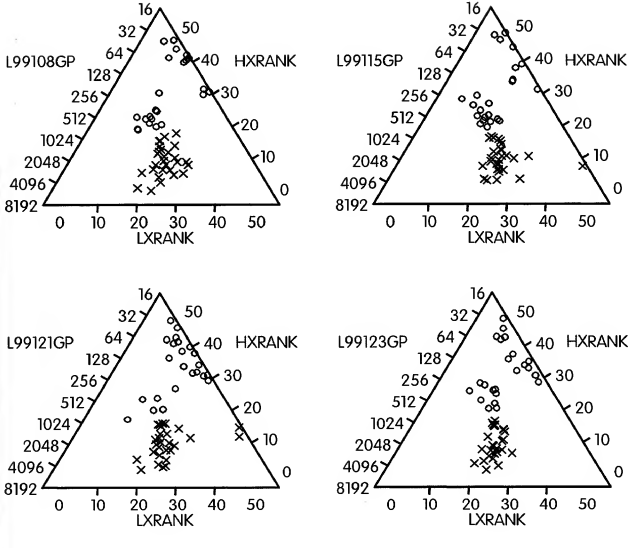


Fig. 6A

20020045660

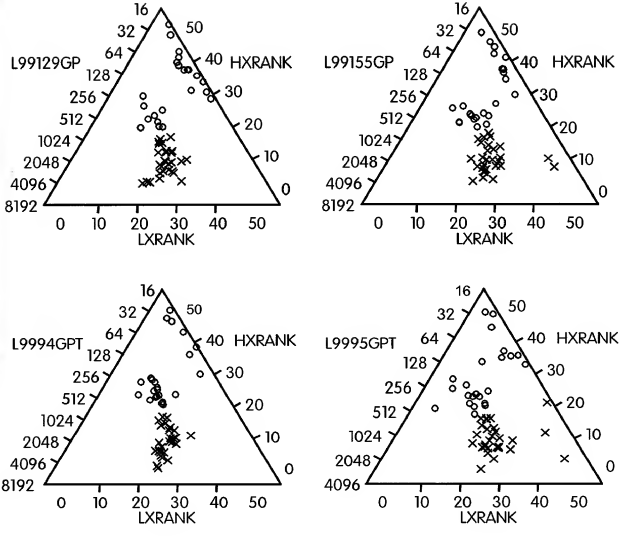


BREAST CANCERS: L-TYPE VS. H-TYPEMODEL:
X=INDEXRANK, Y=CONTRAST RANK

L-TYPE TRAINING EXAMPLES

Fig. 6B-1

20020145077660

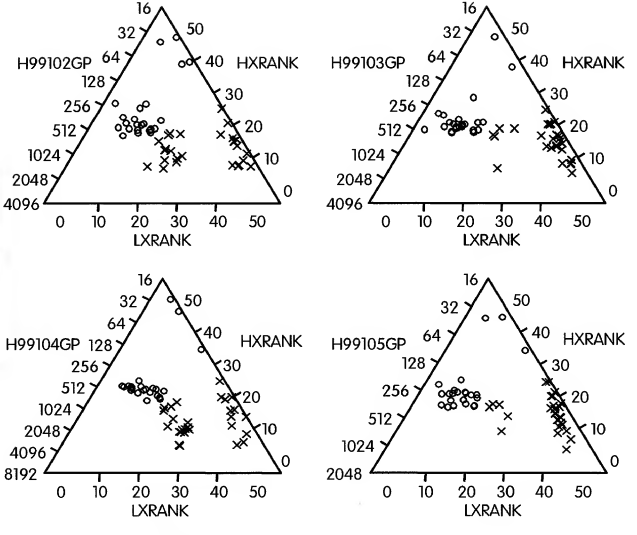


BREAST CANCERS: L-TYPE VS. H-TYPEMODEL:
X=INDEXRANK, Y=CONTRAST RANK

L-TYPE TRAINING EXAMPLES

Fig. 6B-2

20020704.0027650

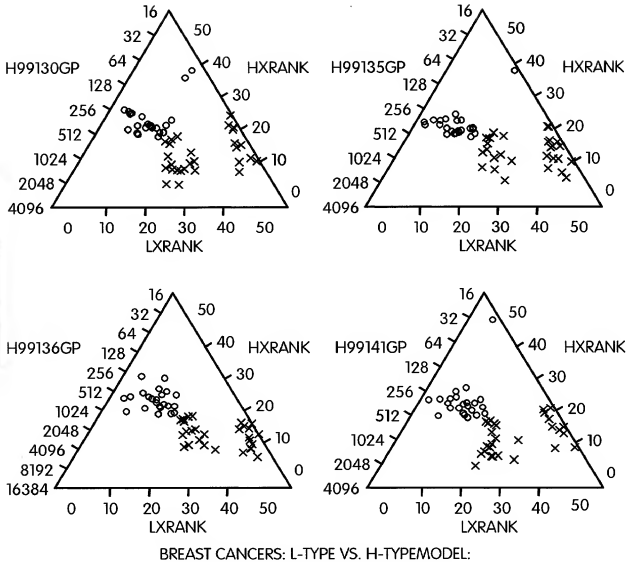


BREAST CANCERS: L-TYPE VS. H-TYPEMODEL:
X=INDEXRANK, Y=CONTRAST RANK

H-TYPE TRAINING EXAMPLES

Fig. 6C-1

20020143765



BREAST CANCERS: L-TYPE VS. H-TYPEMODEL:
X=INDEXRANK, Y=CONTRAST RANK

H-TYPE TRAINING EXAMPLES

Fig. 6C-2

	A	B	C	D	E	F	G	H	I	J	K	L
1	Probe	ALLTMean	AMLTMean	ALMTDIFPN	ALMTDiff	ALMTFold	ALMTTTST	ALMTTTRK	ALLTRANK	AMLTRANK	DIFFTRANK	COLORT$
2	M13792_at	6784.81	1743.36	-5041.45	5041.45	3.89	0.00001	55.00	100.00	77.00	1.00	blue
3	L06797_s_at	6381.67	1960.73	-4420.94	4420.94	3.25	0.00020	121.00	99.00	81.00	2.00	blue
4	M92287_at	3829.30	274.00	-3555.30	3555.30	13.98	0.00000	26.00	94.00	37.00	3.00	blue
5	U05259_ma1_at	3467.26	20.00	-3447.26	3447.26	173.35	0.00001	43.00	93.00	4.00	4.00	blue
6	x59417_at	4361.37	1138.18	-3223.19	3223.19	3.83	0.00001	46.00	98.00	65.00	5.00	blue
7	U22376_cds2_s_at	3863.30	673.73	-3189.57	3189.57	5.73	0.00000	19.00	95.00	55.00	6.00	blue
8	M11722_at	3022.07	134.91	-2887.16	2887.16	22.40	0.00000	16.00	92.00	25.00	7.00	blue
9	Z15115_at	4213.00	1365.27	-2847.73	2847.73	3.09	0.00001	45.00	97.00	72.00	8.00	blue
10	X03934_at	2878.67	55.45	-2823.21	2823.21	51.91	0.00007	93.00	91.00	16.00	9.00	blue
11	HG1612-HT1612_at	3871.67	1156.84	-2715.03	2715.03	3.35	0.00001	48.00	96.00	66.00	10.00	blue
12	X97267_ma1_s_at	2389.63	386.36	-2003.27	2003.27	6.18	0.00001	49.00	90.00	45.00	11.00	blue
13	Z69881_at	2197.52	281.09	-1916.43	1916.43	7.82	0.00003	68.00	88.00	39.00	12.00	blue
14	M29696_at	2218.67	319.73	-1898.94	1898.94	6.94	0.00001	47.00	89.00	42.00	13.00	blue
15	M12959_s_at	1844.48	241.45	-1603.03	1603.03	7.64	0.00004	71.00	86.00	34.00	14.00	blue
16	J04615_at	2020.89	439.73	-1581.16	1581.16	4.60	0.00000	18.00	87.00	49.00	15.00	blue
17	U32944_at	1701.56	292.73	-1411.83	1411.83	5.82	0.00021	124.00	85.00	40.00	16.00	blue
18	X74262_at	1411.19	253.00	-1158.19	1158.19	5.58	0.00003	67.00	83.00	36.00	17.00	blue
19	L47738_at	1230.15	80.27	-1149.88	1149.88	15.32	0.00000	13.00	79.00	18.00	18.00	blue
20	X62535_at	1105.85	20.00	-1085.85	1085.85	55.29	0.00000	17.00	77.00	1.00	19.00	blue
21	M31523_at	1310.59	238.91	-1071.68	1071.68	5.49	0.00001	56.00	81.00	33.00	20.00	blue
22	D86983_at	1077.89	20.00	-1057.89	1057.89	53.89	0.00001	44.00	76.00	5.00	21.00	blue
23	L05148_at	1055.96	20.00	-1035.96	1035.96	52.80	0.00020	118.00	74.00	7.00	22.00	blue
24	D26156_s_at	1306.00	379.36	-926.64	926.64	3.44	0.00000	30.00	80.00	43.00	23.00	blue
25	U29175_at	1202.67	382.55	-820.12	820.12	3.14	0.00005	79.00	78.00	44.00	24.00	blue
26	U90552_s_at	917.37	133.64	-783.73	783.73	6.86	0.00000	15.00	70.00	24.00	25.00	blue
27	J05243_at	860.63	125.55	-735.08	735.08	6.86	0.00000	23.00	68.00	22.00	26.00	blue
28	U97105_at	1009.22	276.45	-732.77	732.77	3.65	0.0009	97.00	73.00	38.00	27.00	blue
29	M91432_at	895.96	171.45	-724.51	724.51	5.23	0.00015	110.00	69.00	30.00	28.00	blue
30	X76648_at	930.37	245.73	-684.64	684.64	3.79	0.00002	62.00	71.00	35.00	29.00	blue
31	D14658_at	981.70	315.00	-666.70	666.70	3.12	0.00004	72.00	72.00	41.00	30.00	blue
32	M63838_s_at	786.44	230.36	-556.08	556.08	3.14	0.00013	105.00	67.00	32.00	31.00	blue
33	U31814_at	669.52	149.09	-520.43	520.43	4.49	0.00011	100.00	65.00	28.00	32.00	blue
34	M31211_s_at	538.15	45.45	-492.69	492.69	11.84	0.00000	5.00	62.00	15.00	33.00	blue
35	L00058_at	498.22	23.64	-474.59	474.59	21.08	0.00017	115.00	59.00	9.00	34.00	blue
36	U79274_at	625.07	165.55	-459.53	459.53	3.78	0.00009	96.00	64.00	29.00	35.00	blue
37	M22898_at	607.30	148.91	-458.39	458.39	4.08	0.00003	64.00	63.00	27.00	36.00	blue
38	X68560_at	518.74	145.82	-372.92	372.92	3.56	0.00013	106.00	61.00	26.00	37.00	blue
39	L07758_at	456.07	85.82	-370.26	370.26	5.31	0.00006	90.00	58.00	19.00	38.00	blue
40	L42572_at	428.00	89.64	-338.36	338.36	4.77	0.00006	89.00	56.00	20.00	39.00	blue
41	L41870_at	357.15	25.64	-331.51	331.51	13.93	0.00000	34.00	51.00	10.00	40.00	blue
42	U25435_at	419.00	102.18	-316.82	316.82	4.10	0.00006	85.00	55.00	21.00	41.00	blue
43	Y08612_at	359.30	44.73	-314.57	314.57	8.03	0.00001	42.00	52.00	14.00	42.00	blue
44	D83783_at	347.89	43.27	-304.62	304.62	8.04	0.00023	125.00	50.00	12.00	43.00	blue
45	D43948_at	369.37	65.18	-304.19	304.19	5.67	0.00006	83.00	53.00	17.00	44.00	blue

Fig. 7-1

	A	B	C	D	E	F	G	H	I	J	K	L
1	Probe	ALLTMean	ALLTMean	ALMTDIFPN	ALMTDiff	ALMTFold	ALMTTTST	ALMTTTRK	ALLTRANK	ALMTRANK	DIFFTRANK	COLORTS
46	S50223_at	323.26	39.73	-283.53	283.53	8.14	0.00020	122.00	47.00	11.00	45.00	blue
47	U79285_at	283.11	20.00	-263.11	263.11	14.16	0.00009	95.00	43.00	6.00	46.00	blue
48	D21262_at	255.63	20.00	-235.63	235.63	12.78	0.00000	35.00	42.00	3.00	47.00	blue
49	U19844_at	201.56	20.00	-181.56	181.56	10.08	0.00023	126.00	41.00	8.00	48.00	blue
50	M77142_at	200.11	20.00	-180.11	180.11	10.01	0.00000	29.00	39.00	2.00	49.00	blue
51	U28833_at	160.26	44.00	-116.26	116.26	3.64	0.00004	77.00	34.00	13.00	50.00	blue
52	X17648_at	28.37	133.18	104.81	104.81	4.69	0.00003	65.00	13.00	23.00	51.00	blue
53	D49950_at	20.00	216.64	196.64	196.64	10.83	0.00000	4.00	1.00	31.00	52.00	red
54	U73960_at	88.19	447.09	358.91	358.91	5.07	0.00000	39.00	26.00	51.00	53.00	red
55	S76638_at	34.30	403.82	369.52	369.52	11.77	0.00005	80.00	14.00	47.00	54.00	red
56	M80254_at	43.96	420.36	376.40	376.40	9.56	0.00000	28.00	17.00	48.00	55.00	red
57	M31166_at	20.00	396.73	376.73	376.73	19.84	0.00000	12.00	3.00	46.00	56.00	red
58	X166665_at	91.48	480.91	389.43	389.43	5.26	0.00000	33.00	27.00	52.00	57.00	red
59	U05572_s_at	20.00	445.73	425.73	425.73	22.29	0.00000	40.00	7.00	50.00	58.00	red
60	U41813_at	129.19	589.82	440.63	440.63	4.41	0.00001	56.00	30.00	53.00	59.00	red
61	X70297_at	36.56	662.45	625.90	625.90	18.12	0.00000	3.00	16.00	54.00	60.00	red
62	M54995_at	35.15	675.36	640.22	640.22	19.21	0.00000	9.00	15.00	57.00	61.00	red
63	M23197_at	57.33	708.82	651.48	651.48	12.36	0.00000	22.00	20.00	58.00	62.00	red
64	U61836_at	20.00	674.82	654.82	654.82	33.74	0.00000	20.00	4.00	56.00	63.00	red
65	D26579_at	109.41	794.27	684.87	684.87	7.26	0.00004	76.00	28.00	61.00	64.00	red
66	M83652_s_at	20.00	766.36	746.36	746.36	38.32	0.00005	82.00	9.00	59.00	65.00	red
67	U41767_s_at	20.00	766.45	746.45	745.45	38.32	0.00005	81.00	8.00	60.00	66.00	red
68	Y00339_s_at	52.41	946.91	894.50	894.50	18.07	0.00004	73.00	19.00	62.00	67.00	red
69	M33493_s_at	20.00	948.45	928.45	928.45	47.42	0.00006	86.00	10.00	63.00	68.00	red
70	HG2987-HT3127_s_at	44.48	983.27	938.79	938.79	22.11	0.00000	24.00	18.00	64.00	69.00	red
71	X07743_at	150.15	1167.36	1017.22	1017.22	7.77	0.00001	51.00	32.00	67.60	70.00	red
72	U46499_at	182.48	1200.36	1017.88	1017.88	6.58	0.00000	10.00	37.00	69.00	71.00	red
73	M83667_rna1_s_at	66.59	1195.82	1129.23	1129.23	17.96	0.00004	74.00	22.00	68.00	72.00	red
74	M81695_s_at	307.04	1439.64	1132.60	1132.60	4.69	0.00002	61.00	45.00	73.00	73.00	red
75	Y12670_at	128.00	1294.45	1166.45	1166.45	10.11	0.00000	2.00	29.00	70.00	74.00	red
76	L42379_at	20.00	1302.64	1282.64	12.82.64	65.13	0.00006	88.00	11.00	71.00	75.00	red
77	M19508_xpl3_s_at	201.41	1551.00	1349.59	1349.59	7.70	0.00001	41.00	40.00	74.00	76.00	red
78	M33195_at	175.63	1577.00	1401.37	1401.37	8.98	0.00001	50.00	36.00	75.00	77.00	red
79	M16038_at	370.00	1811.64	1441.64	1441.64	4.90	0.00003	66.00	54.00	78.00	78.00	red
80	X85116_rna1_s_at	308.63	1842.73	1534.10	1534.10	5.97	0.00001	57.00	46.00	79.00	79.00	red
81	M20203_s_at	20.00	1581.91	1551.91	1561.91	79.10	0.00000	25.00	6.00	76.00	80.00	red
82	M95678_at	166.70	1911.27	1744.57	1744.57	11.47	0.00000	36.00	35.00	80.00	81.00	red
83	U02020_at	185.89	2155.45	1969.57	1969.57	11.60	0.00003	70.00	38.00	83.00	82.00	red
84	L09209_s_at	513.48	2531.55	2017.05	2018.06	4.93	0.00006	84.00	60.00	86.00	83.00	red
85	M27783_s_at	20.00	2042.36	2022.35	2022.36	102.12	0.00000	21.00	5.00	82.00	84.00	red
86	M30703_s_at	27.19	2271.09	2243.91	2243.91	86.54	0.00003	63.00	12.00	84.00	85.00	red
87	D88422_at	66.11	2520.36	2454.25	2454.25	38.12	0.00000	1.00	21.00	85.00	86.00	red
88	M57731_s_at	73.70	2588.36	2514.56	2514.66	35.12	0.00000	32.00	25.00	87.00	87.00	red
89	L08246_at	1066.56	3767.45	2700.90	2700.90	3.53	0.00000	31.00	75.00	90.00	88.00	red

Fig. 7-2

20030074469

	A	B	C	D	E	F	G	H	I	J	K	L
1	Probe	AUTMean	AMUTMean	AUMTDIFN	AUMTDiff	AUMTGrid	AUMTTST	AUMTTRK	AUTRANK	AMUTRANK	DIFFRANK	COLORTS
90	X95735_at	68.37	2779.91	2711.54	2711.54	40.66	0.00000	8.00	24.00	88.00	89.00	red
91	M84526_at	20.00	3505.91	3485.91	3485.91	175.30	0.00000	7.00	2.00	89.00	90.00	red
92	X62220_at	304.93	4047.55	3742.62	3742.62	13.27	0.00005	78.00	44.00	91.00	91.00	red
93	M19507_at	333.19	4855.55	4522.36	4522.36	14.57	0.00003	69.00	48.00	92.00	92.00	red
94	M63388_at	453.22	5144.27	4691.05	4691.05	11.35	0.00000	37.00	57.00	94.00	93.00	red
95	L04490_at	135.59	4919.73	4784.13	4784.13	36.28	0.00002	60.00	31.00	93.00	94.00	red
96	X17042_at	1642.81	7108.73	5465.91	5465.91	4.33	0.00001	52.00	64.00	98.00	95.00	red
97	X14008_mol_f_at	1398.74	6939.36	5540.62	5540.62	4.96	0.00006	87.00	82.00	97.00	96.00	red
98	M28130_mol_s_at	339.67	6304.82	5965.15	5965.15	18.56	0.00000	14.00	49.00	65.00	97.00	red
99	M96326_mol_at	67.26	6872.36	6805.10	6805.10	102.18	0.00000	11.00	23.00	96.00	98.00	red
100	M27891_at	159.41	7327.82	7168.41	7168.41	45.97	0.00000	6.00	33.00	99.00	99.00	red
101	Y00767_s_at	784.63	10479.09	9694.46	9694.46	13.36	0.00000	27.00	66.00	100.00	100.00	red

Fig. 7-3

Gene	ALLTMean	AMLTMean	ALLTRANK	AMLTRANK	DIFFTRANK	COLORT$	Symbol	ALL39GPT	ALL40GPT	ALL42GPT	ALL47GPT	ALL48GPT	ALL49GPT
x4268	20	217	1	31	52	red	1	20	234	20	20	20	20
x3767	20	3506	2	89	90	red	1	20	20	20	20	20	20
x5837	20	397	3	46	56	red	1	20	20	20	20	20	20
x4620	20	675	4	56	63	red	1	20	20	20	20	20	20
x1311	20	2042	5	62	84	red	1	20	20	1162	20	20	20
x857	20	1582	6	76	80	red	1	20	20	315	20	20	20
x1504	20	446	7	50	58	red	1	20	20	20	20	20	20
x2862	20	766	8	60	66	red	1	20	20	20	806	20	20
x1662	20	766	9	59	65	red	1	20	20	20	20	20	20
x4122	20	948	10	63	68	red	1	20	20	20	20	20	20
x984	20	1303	11	71	75	red	1	20	20	20	20	20	20
x6853	27	2271	12	84	85	red	1	20	20	20	67	20	20
x5266	28	133	13	23	51	red	1	20	20	20	20	20	20
x2876	34	404	14	47	54	red	1	20	20	20	20	20	20
x350	35	675	151	57	61	red	1	20	20	20	20	20	20
x6583	37	662	16	54	60	red	1	20	373	20	20	20	20
x880	44	420	17	46	55	red	1	20	20	20	20	60	20
x2234	44	983	18	64	69	red	1	20	20	20	20	20	20
x1319	52	947	19	62	67	red	1	20	20	2113	470	263	20
x2330	57	709	20	58	62	red	1	20	244	20	20	20	20
x5263	66	2520	21	85	86	red	1	20	20	189	20	20	20
x3221	67	1196	22	68	72	red	1	20	20	20	20	20	20
x2835	67	6872	23	96	98	red	1	20	20	20	20	20	20
x6275	68	2780	24	88	69	red	1	20	20	20	20	20	20
x6019	74	2588	25	87	87	red	1	20	20	20	20	20	20
x4287	88	447	26	51	53	red	1	20	20	486	20	116	20
x4230	91	481	27	52	57	red	1	20	443	110	20	20	964
x5827	109	794	28	61	64	red	1	20	20	233	20	20	20
x2970	128	1294	29	70	74	red	1	20	20	20	342	20	20
x6775	129	570	30	53	59	red	1	20	20	20	20	20	20
x3228	136	4920	31	93	94	red	1	20	20	550	20	20	20
x5691	150	1167	32	67	70	red	1	20	20	258	575	542	20
x7113	159	7328	33	99	99	red	1	20	20	20	20	20	20
x4488	160	44	34	13	50	blue	2	236	92	312	20	1078	72
x3194	167	1911	35	80	81	red	1	20	20	20	20	20	20
x3532	176	1577	36	75	77	red	1	20	20	20	20	20	20
x5593	182	1200	37	69	71	red	1	20	20	20	20	20	20
x862	186	2155	38	83	82	red	1	20	20	425	187	227	75
x855	200	20	39	2	49	blue	2	20	150	20	170	260	20
x3426	201	1551	40	74	76	red	1	1182	20	20	811	20	20
x2879	202	20	41	8	48	blue	2	190	20	157	233	487	20
x4269	256	20	42	3	47	blue	2	20	20	125	231	246	223
x4459	283	20	43	6	46	blue	2	106	406	206	498	954	20
x2559	305	4048	44	91	91	red	1	20	20	20	699	860	20
x6633	307	1440	45	73	73	red	1	393	802	772	20	20	20
x4740	309	1843	46	79	79	red	1	20	20	2682	678	387	20
x1315	323	40	47	11	45	blue	2	20	20	20	239	776	20
x4144	333	4856	48	92	92	red	1	20	20	989	706	20	1293
x5780	340	6305	49	95	97	red	1	20	20	20	20	20	20
x5788	348	43	50	12	43	blue	2	20	310	459	327	1619	20
x6266	357	26	51	10	40	blue	2	20	305	175	533	152	297

Fig. 8-1

20020704.0603

20020045660

Gene	ALL41GPT	ALL43GPT	ALL44GPT	ALL45GPT	ALL46GPT	ALL70GPT	ALL73GPT	ALL72GPT	ALL68GPT	ALL69GPT	ALL67GPT	ALL55GPT	ALL56GPT	ALL59GPT
x4268	20	20	20	20	20	20	20	20	20	20	20	20	20	20
x3767	20	20	20	20	20	20	20	20	20	20	20	20	20	20
x5837	20	20	20	20	20	20	20	20	20	20	20	20	20	109
x4620	20	20	20	20	20	20	20	20	20	20	20	378	20	20
x1311	20	7110	20	20	20	20	20	20	20	20	20	2102	991	8693
x857	20	6598	20	20	20	20	20	20	20	20	20	2226	453	5780
x1504	20	20	20	20	20	20	20	20	20	20	20	20	20	20
x2862	20	20	20	20	20	20	20	20	1013	20	20	20	20	20
x1662	20	20	20	20	20	20	20	20	20	20	20	20	20	20
x4122	20	20	20	20	20	20	20	20	20	20	295	20	20	20
x984	20	20	20	20	20	20	20	20	20	20	1986	20	20	20
x6853	20	20	20	20	20	20	20	20	243	20	20	20	20	20
x5266	101	20	20	20	20	20	20	20	20	20	20	20	20	20
x2876	20	20	20	20	20	20	20	20	20	20	20	20	20	20
x350	20	20	20	20	20	20	20	20	20	20	20	20	234	20
x6583	20	20	20	20	98	98	98	20	20	20	384	20	20	20
x880	20	20	20	20	20	20	20	20	218	236	257	20	20	20
x2234	73	20	20	20	20	20	244	20	20	20	400	20	20	20
x1319	20	2093	20	20	20	20	20	20	20	20	20	20	20	20
x2330	73	20	20	117	20	20	20	20	20	20	247	159	20	20
x5263	226	502	20	20	20	117	20	20	20	20	343	20	20	406
x3221	20	326	20	4847	20	20	20	279	20	20	269	20	20	20
x2835	20	2235	20	20	20	20	20	20	20	20	20	1767	20	2724
x6275	20	20	20	20	20	20	20	20	1931	20	2451	20	20	20
x6019	20	20	20	20	20	20	20	20	20	20	354	20	20	20
x4287	20	117	20	20	20	20	149	20	104	36	57	20	20	20
x4230	20	20	20	20	20	20	176	20	20	20	20	20	20	20
x5827	20	20	174	386	378	20	358	20	20	634	440	20	355	386
x2970	20	389	20	466	180	20	396	754	648	391	501	20	20	20
x6775	399	20	20	20	20	20	20	20	1420	20	20	20	20	20
x3228	302	4278	542	20	20	560	20	20	20	20	20	1068	839	3439
x5691	20	132	20	142	213	20	193	173	628	568	219	459	20	20
x7113	20	20	502	20	20	20	20	453	163	20	2090	20	20	20
x4488	184	540	361	330	239	20	63	189	395	513	129	20	20	528
x3194	20	20	20	20	555	775	981	20	20	20	20	1445	20	20
x3532	20	543	20	20	20	20	20	20	20	20	1433	20	20	20
x5593	20	165	20	200	20	20	20	94	20	20	20	20	20	20
x862	20	213	20	154	76	119	779	547	298	253	1384	20	20	20
x855	181	20	20	20	70	20	20	20	214	224	20	20	20	20
x3426	20	20	20	20	437	20	20	20	20	1060	20	958	20	20
x2879	259	20	20	20	20	20	20	20	501	20	20	137	20	20
x4269	327	20	103	20	210	187	20	166	506	811	138	177	20	20
x4459	455	218	541	236	477	157	20	20	719	742	20	339	216	556
x2559	20	20	20	1034	1416	20	20	20	958	1279	1122	1178	20	20
x6633	195	20	20	20	20	334	416	358	239	518	778	446	20	20
x4740	411	1745	20	400	20	20	183	474	1763	316	362	359	20	20
x1315	167	274	216	236	177	20	20	20	439	607	20	20	20	20
x4144	20	1213	20	20	20	917	20	20	20	777	20	2269	20	2681
x5780	20	20	20	20	20	20	1036	125	245	20	2147	20	20	20
x5788	691	341	584	558	932	20	138	20	1190	713	185	189	375	1306
x6266	540	307	123	20	20	433	72	126	768	327	162	144	206	20

Fig. 8-2

Gene	AML52GPT	AML53GPT	AML51GPT	AML50GPT	AML54GPT	AML57GPT	AML58GPT	AML60GPT	AML61GPT	AML55GPT	AML66GPT	AML63GPT	AML64GPT	AML62GPT
x4268	20	20	20	20	20	96	20	20	20	218	20	250	455	333
x3767	7213	19568	9851	6595	4366	10120	5903	3717	2130	4667	20	7924	20	5249
x5837	20	357	291	398	20	20	20	20	525	20	73	523	20	20
x4620	244	20	20	1057	20	20	20	20	20	403	20	20	20	20
x1311	20	11857	5949	20	21946	14957	2262	38683	3423	3911	20	2203	20	20
x857	20	12410	6177	43	15963	13436	1900	40792	2663	2483	20	1749	20	20
x1504	1178	20	490	316	20	589	20	466	20	499	20	942	20	954
x2862	1394	20	20	20	20	20	20	20	20	20	20	2493	2415	20
x1662	3599	1465	20	20	1392	20	1987	20	20	1336	20	6155	20	3308
x4122	20	1522	1426	412	20	20	333	20	5256	5254	20	494	20	20
x984	1704	2867	20	20	1986	1507	20	2134	20	20	20	20	20	20
x6853	319	20	343	400	20	20	20	20	242	1160	20	20	20	20
x5266	20	177	102	227	194	121	290	20	20	20	20	500	20	437
x2876	20	522	788	654	20	20	20	20	20	20	20	20	20	20
x350	232	20	339	1213	215	20	20	20	20	20	20	20	1417	20
x6583	20	945	915	753	20	20	20	20	20	20	20	20	1504	847
x880	20	20	826	440	20	20	20	20	20	20	332	20	20	20
x2234	20	854	1062	924	20	20	20	20	20	20	69	20	20	20
x1319	20	20	20	20	20	20	20	20	20	20	830	20	20	20
x2330	1533	759	593	928	629	827	646	336	526	560	341	1883	2204	1605
x5263	9433	850	995	3871	2241	2010	1483	4177	20	1347	20	7807	658	6913
x3221	2936	666	50	1104	2085	656	1567	854	600	6927	20	19653	20	5657
x2835	1676	13774	17279	11036	15196	28647	2571	25625	2297	4561	20	2270	2914	1255
x6275	2007	3870	2335	5814	4403	2287	2871	2122	3156	2194	543	5949	4174	7133
x6019	20	520	5685	2247	20	20	216	20	227	542	20	255	1344	20
x4287	393	84	60	241	20	20	20	20	91	322	297	64	20	99
x4230	217	1353	1051	1163	20	432	510	20	413	454	20	275	1266	20
x5827	407	579	494	1137	20	534	20	20	483	617	20	20	1054	1466
x2970	442	4460	683	729	458	20	20	20	20	20	410	656	1152	676
x6775	20	942	416	764	20	243	20	20	20	20	20	20	729	718
x3228	1174	24214	5754	1934	988	5037	20	8929	20	20	20	20	2738	1014
x5691	313	3546	788	2299	589	428	525	507	652	339	20	1318	1130	924
x7113	17846	21404	2745	11686	10737	3168	14193	2460	20	12735	2103	19680	3293	24178
x4488	20	20	20	139	20	20	20	99	106	20	80	123	20	20
x3194	20	20	20	1531	2104	1816	3072	1498	20	20	745	3983	13798	6065
x3532	10274	1320	20	1620	1289	890	2021	597	20	807	365	8485	20	7395
x5593	892	1233	1269	1582	643	1267	1480	1568	3166	1550	163	2757	1415	1121
x862	914	963	2186	1446	260	20	284	328	728	1171	243	1157	382	375
x855	20	248	20	20	20	119	20	20	78	20	20	20	634	20
x3426	20	1622	3049	3818	3491	2450	2101	5389	8921	908	20	1409	20	20
x2879	20	173	20	20	20	20	20	20	119	20	20	20	767	345
x4269	20	100	20	20	20	31	20	20	43	20	410	20	20	20
x4459	20	20	20	20	20	20	20	309	20	20	20	20	20	20
x2559	5308	2574	2397	3857	1872	2547	3239	1700	20	2052	20	9980	20	7131
x6633	1021	1212	20	2599	696	623	995	444	509	345	20	2063	1580	1962
x4740	1063	781	1512	1846	1834	442	20	3819	834	1343	715	867	778	428
x1315	20	20	20	20	20	20	20	20	20	20	20	20	20	20
x4144	747	9006	10171	9138	22222	9986	14230	27285	28390	17371	20	5895	3917	2606
x5780	20	3628	19878	9620	20	20	661	20	5864	2964	20	2531	73	20
x5788	201	320	20	405	646	206	20	320	147	22	20	20	932	20
x6266	20	20	20	20	20	20	20	209	156	20	20	205	20	210

20020-450460

Fig. 8-3

Gene	ALLTMean	AMLTMean	ALLTRANK	AMLTRANK	DIFFTRANK	COLOR1$	Symbol	ALL39GPT	ALL40GPT	ALL42GPT	ALL47GPT	ALL48GPT	ALL49GPT
x5833	359	45	52	14	42	blue	2	333	20	471	20	648	20
x4505	369	65	53	17	44	blue	2	20	20	293	498	905	20
x4822	370	1812	54	78	78	red	1	20	797	265	313	178	390
x2196	419	102	55	21	41	blue	2	260	20	210	327	582	20
x5497	428	90	56	20	39	blue	2	20	20	272	355	816	274
x3540	453	5144	57	94	93	red	1	20	20	20	1405	20	20
x5937	456	86	58	19	38	blue	2	20	497	20	20	584	20
x6817	498	24	59	9	34	blue	2	20	718	20	508	691	20
x4188	513	2532	60	86	83	red	1	20	360	911	605	920	20
x6856	519	146	61	26	37	blue	2	193	20	237	462	1132	313
x5151	538	45	62	15	33	blue	2	475	251	362	493	951	356
x3504	607	149	63	27	36	blue	2	642	20	548	371	1149	793
x793	625	166	64	29	35	blue	2	20	813	356	682	615	20
x6952	670	149	65	28	32	blue	2	374	453	602	502	2063	705
x709	785	10479	66	100	100	red	1	741	20	1012	197	20	206
x6351	786	230	67	32	31	blue	2	490	865	409	777	2097	72
x6536	861	126	68	22	26	blue	2	786	994	233	510	598	861
x2277	896	171	69	30	28	blue	2	20	382	553	638	1340	799
x6448	917	134	70	24	25	blue	2	20	1526	771	558	2695	1055
x543	930	246	71	35	29	blue	2	637	860	539	546	1627	464
x635	982	315	72	41	30	blue	2	20	828	583	1199	2177	991
x81	1009	276	73	38	27	blue	2	613	566	897	481	2385	917
x6108	1056	20	74	7	22	blue	2	20	20	20	617	20	20
x5404	1067	3767	75	90	88	red	1	1018	128	1726	1092	1415	521
x6781	1078	20	76	5	21	blue	2	20	3771	416	20	671	20
x4520	1106	20	77	1	19	blue	2	784	322	20	306	1560	360
x2956	1203	383	78	44	24	blue	2	2112	1323	826	613	1475	1353
x4983	1230	80	79	18	18	blue	2	837	20	20	575	603	763
x3478	1306	379	80	43	23	blue	2	4048	879	1140	20	1355	1816
x7086	1311	239	81	33	20	blue	2	1484	606	1751	1052	2428	1467
x3008	1399	6939	82	97	96	red	1	803	480	2635	983	298	2081
x6601	1411	253	83	36	17	blue	2	176	490	678	1903	2123	424
x3680	1643	7109	84	98	95	red	1	20	1269	1045	2450	1537	690
x2969	1705	293	85	40	16	blue	2	306	759	727	2582	3482	1146
x7129	1844	241	86	34	14	blue	2	753	2941	412	361	810	1582
x5116	2021	440	87	49	15	blue	2	2264	1102	1125	888	3629	881
x1435	2198	281	88	39	12	blue	2	2131	320	1681	1748	3079	2427
x2567	2219	320	89	42	13	blue	2	939	502	559	508	1200	6273
x1824	2390	386	90	45	11	blue	2	1178	20	20	1836	4594	2114
x3654	2879	55	91	16	9	blue	2	20	20	20	298	20	529
x1635	3022	135	92	25	7	blue	2	8700	4614	4357	7369	7216	6603
x307	3467	20	93	4	4	blue	2	12968	20	4750	2559	5632	9288
x1519	3829	274	94	37	3	blue	2	3633	20	5358	1338	8921	4174
x1837	3863	674	95	55	6	blue	2	2037	1497	2105	2805	6996	2753
x2019	3872	1157	96	66	10	blue	2	4057	1585	3600	2425	7275	2787
x1634	4213	1365	97	72	8	blue	2	4101	2427	2003	2893	9908	4020
x1069	4361	1138	98	65	5	blue	2	4646	2141	3090	3198	10565	5279
x5545	6382	1961	99	81	2	blue	2	6199	20	11483	2372	11886	740
x5348	6785	1743	100	77	1	blue	2	4142	1462	2208	3681	7756	4813

Fig. 8-4

20020418.1660

Gene	ALL41GPT	ALL43GPT	ALL44GPT	ALL45GPT	ALL46GPT	ALL70GPT	ALL73GPT	ALL72GPT	ALL68GPT	ALL69GPT	ALL67GPT	ALL55GPT	ALL56GPT	ALL59GPT
x5833	428	20	346	264	283	349	353	502	517	596	223	177	337	20
x4505	463	237	339	20	20	20	198	231	577	403	211	431	177	302
x4822	491	20	20	20	173	426	190	406	462	505	1448	217	184	20
x2196	360	293	234	20	187	20	224	418	523	387	223	272	309	20
x5497	530	20	320	129	245	218	161	179	859	577	194	237	20	322
x3540	20	20	20	20	1750	20	20	20	20	20	2718	20	1815	20
x5937	521	20	20	20	20	284	474	666	1108	766	324	376	20	20
x6817	745	20	20	781	220	123	792	233	1263	709	20	836	427	449
x4188	565	216	289	1110	291	20	187	435	1053	799	1616	646	417	20
x6856	665	401	484	317	259	20	227	401	888	630	483	224	417	20
x5151	616	329	710	467	475	348	218	493	580	573	200	439	20	593
x3504	403	259	492	317	480	443	264	439	1034	1290	227	604	932	447
x793	633	499	468	1075	408	334	264	20	927	982	20	344	494	20
x6952	632	266	20	20	628	431	271	350	768	1112	371	352	350	343
x709	20	20	20	149	20	236	2525	257	257	20	5830	20	20	20
x6351	640	877	1042	1468	586	826	352	457	1106	1417	384	509	824	1156
x6536	615	853	773	382	443	344	1164	894	1226	765	519	421	1359	739
x2277	707	562	575	747	392	334	146	235	1385	1012	140	339	496	20
x6448	521	706	504	368	704	433	675	497	1474	1644	448	486	512	1797
x543	668	629	800	679	457	533	471	986	1690	1211	20	431	502	754
x635	857	1004	972	711	557	680	223	294	1238	1392	20	521	906	968
x81	1106	1156	1294	938	779	293	915	1757	2357	1767	20	549	350	640
x6108	20	20	20	20	20	737	1115	20	1007	826	976	20	1104	20
x5404	961	612	554	3889	1524	2111	3808	1976	4178	2570	3570	319	20	424
x6781	256	329	1365	567	589	567	20	931	672	886	20	464	20	793
x4520	532	978	336	753	639	1140	2277	990	445	2268	20	20	793	1154
x2956	1033	937	1691	479	438	1002	1504	1926	1088	1187	1661	751	1127	846
x4983	770	20	579	444	570	853	1213	586	1235	1284	908	20	1009	310
x3478	1147	605	1749	795	521	693	1312	2352	1131	1187	1295	911	1521	950
x7086	1479	2148	1955	1275	980	1277	828	1361	3923	1794	929	821	1297	1087
x3008	1167	4451	1529	20	701	2052	876	343	2068	969	3050	3360	1977	3764
x6601	1258	699	1236	555	384	490	149	583	1700	808	581	723	834	618
x3680	1183	7054	155	1327	283	348	1128	1357	2282	2128	4401	2057	1102	4509
x2969	1657	1802	2345	1407	798	1072	227	325	2869	1569	20	1145	1148	734
x7129	2380	2894	342	389	464	3688	2630	2636	503	5009	358	1088	857	20
x5116	1022	1074	1819	1058	1355	1373	2160	2015	20	688	1358	20	697	1344
x1435	1477	557	1577	530	1103	1004	1918	1469	2553	2698	1918	426	2054	3868
x2567	7097	1144	1695	1479	1594	1169	2810	2486	1968	5448	479	664	1060	676
x1824	3714	2004	1934	2532	3331	5598	1789	746	3650	8399	884	3282	2989	3983
x3654	360	20	20	20	20	417	2278	698	331	1205	3901	416	525	20
x1635	1487	7560	8791	12307	5433	1644	1671	1327	5653	4830	20	1595	4537	7480
x307	3627	3115	11999	4200	3403	4896	4317	6517	6101	4634	707	1642	4941	2282
x1519	6400	3598	5600	7477	6841	1814	1608	2420	6203	9155	2474	3375	2417	7867
x1837	4240	3821	3686	2943	2809	2178	306	1374	8402	5032	1358	1188	2075	4961
x2019	3367	2271	5083	2621	2388	1768	2097	5088	4787	5499	7408	2626	3229	2620
x1634	4306	2600	3423	2886	2955	2490	1427	3263	5549	5098	1799	2219	2603	3739
x1069	3686	3619	5420	3770	3972	2962	1076	3102	6609	6622	1438	2833	648	4912
x5545	5251	8420	2266	2362	4824	1288	13146	10156	9009	10965	1133	1997	2178	2122
x5348	4714	3922	1850	4662	2931	3765	1826	2694	9487	5149	1365	2506	3777	5104

Fig. 8-5

Gene	AML52GPT	AML53GPT	AML51GPT	AML50GPT	AML54GPT	AML57GPT	AML58GPT	AML60GPT	AML61GPT	AML55GPT	AML66GPT	AML63GPT	AML64GPT	AML62GPT
x5833	20	284	112	20	20	20	20	20	307	20	20	233	20	20
x4505	101	433	362	313	470	290	20	206	20	20	254	230	956	236
x4822	1744	1522	2089	2735	855	444	1020	385	489	716	460	2686	1499	1837
x2196	20	548	20	244	20	20	20	228	20	20	165	294	374	340
x5497	20	20	20	286	20	20	20	279	20	204	393	20	680	20
x3540	13422	5946	20	6223	6179	5971	3913	2442	20	20	20	6215	11451	7323
x5937	98	678	20	207	20	20	20	20	20	20	328	429	20	20
x6817	20	20	20	20	721	528	20	796	20	20	160	214	365	20
x4188	3016	3162	1518	3223	5704	2458	1724	2496	1705	1717	1095	6008	1819	3785
x6856	20	154	130	20	369	273	204	410	20	297	20	305	295	271
x5151	248	20	20	20	20	20	20	20	20	198	225	20	20	20
x3504	344	140	94	20	734	300	20	536	585	20	216	695	401	498
x793	20	20	20	20	20	491	20	607	472	356	217	530	932	493
x6952	20	635	283	326	689	20	20	20	533	360	543	452	647	180
x709	593	8252	20459	13144	20	20	2132	20	13968	7229	621	9612	2667	322
x6351	144	20	20	20	846	239	20	350	20	231	236	1109	20	553
x6536	20	109	48	20	352	20	20	20	20	220	20	20	195	282
x2277	163	135	126	225	413	20	20	412	422	20	362	462	20	384
x6448	892	20	20	20	20	363	785	647	20	20	20	766	2724	528
x543	495	20	168	176	310	222	287	769	20	20	228	1018	249	1047
x635	260	20	20	296	1008	404	312	628	20	227	530	949	509	929
x81	612	221	20	20	1130	20	618	20	281	308	20	3044	20	1695
x6108	20	20	20	20	20	20	20	20	20	20	20	20	20	20
x5404	1066	4766	3702	2996	1150	455	1533	494	5487	7003	1141	3392	3074	2787
x6781	20	484	20	20	20	20	20	20	20	20	20	20	20	20
x4520	20	20	20	628	721	20	20	20	20	20	20	459	3047	20
x2956	250	367	382	190	578	398	20	486	485	588	669	745	878	625
x4983	20	20	416	20	20	20	20	20	20	20	20	20	20	20
x3478	20	1024	20	802	20	534	534	371	1092	20	625	832	818	349
x7086	139	368	20	197	20	196	20	461	446	375	528	253	450	328
x3008	15202	7982	4980	6808	1867	2114	11007	4193	3017	2906	945	7392	891	14347
x6601	401	20	20	148	784	330	20	919	20	20	1082	810	544	748
x3680	6371	7056	6957	7281	7248	8964	3653	10449	975	5086	3340	5178	6311	5314
x2969	882	20	249	185	2110	807	20	1235	773	501	993	1425	20	919
x7129	20	653	422	20	20	20	20	20	20	20	20	20	20	810
x5116	20	1538	20	20	1234	20	20	980	1415	995	904	20	20	968
x1435	541	193	537	219	1546	1271	250	704	2007	675	1162	20	2789	1524
x2567	20	675	20	396	377	60	145	20	281	20	399	558	710	933
x1824	20	20	372	20	20	149	1394	953	1586	1357	997	20	20	20
x3654	20	20	20	20	20	20	612	20	20	20	425	20	20	500
x1635	20	20	20	20	20	20	20	445	20	20	20	20	20	20
x307	20	20	20	20	20	20	698	20	20	20	20	20	20	1742
x1519	1342	20	20	20	20	20	20	20	20	20	836	20	20	20
x1837	407	2585	376	1238	2685	2295	562	2564	934	427	834	537	3201	417
x2019	649	4118	20	815	20	20	1696	870	2704	1476	819	1427	20	1621
x1634	995	2027	1142	1456	1463	1585	1072	1417	1153	1084	2175	1598	3494	1554
x1069	1439	666	764	1683	1629	469	420	1151	1012	614	2284	1453	986	720
x5545	778	4537	820	1527	787	715	744	678	20	2752	1356	1863	2152	1276
x5348	1027	6330	1319	1243	648	1004	1845	1162	1636	2583	1056	1562	8883	2082

Fig. 8-6